

Serial No.: 10/669,692
Docket No.: 30014200-1206
Amendment "B" dated October 6, 2008
Reply to the Office Action mailed June 5, 2008

IN THE CLAIMS

This listing of claims replaces all prior listings:

1-79. (Cancelled)

81-82 (Withdrawn)

83. (Currently amended) A method in a distributed system ~~comprised of~~, said system comprising a plurality of lookup services with associated network services, and a client computer having a client lookup manager with an associated cache, the method comprising the steps of the client lookup manager:

~~receiving, at the client lookup manager from the client computer,~~ a request to access a network service;

~~retrieving, using the client lookup manager, a reference to a lookup service from searching the associated cache, wherein said lookup service is associated with said for an instance of the requested~~ network service;

returning, when said searching step is successful, the instance of the requested network service to the client computer;

~~sending, from the client lookup manager, when said searching step is unsuccessful, a request to [[the]] a lookup service identifying the requested network service to be accessed; and~~

~~displaying at least one icon identifying the network service to be accessed when the network service to be accessed is available~~

storing received responses to said request in the associated cache.

84. (Currently Amended) The method according to claim 83, wherein the ~~retrieving~~

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searching step further comprises searching a table of the plurality of lookup services and the associated network services for said the requested network service.

85-88. (Withdrawn)

89. (Currently Amended) A computer-readable storage medium containing instructions which, when executed on a data processing system having an associated cache, cause the data processing system to perform a method for accessing network services, the data processing system ~~having a software cache and~~ communicatively coupled to a plurality of lookup services ~~available for use in the data processing system~~, the method comprising the steps of the data processing apparatus:

~~receiving, at the data processing apparatus,~~ from a client computer a request to access a network service;

~~retrieving, using the data processing apparatus, a reference to a lookup service from~~ searching the software associated cache, ~~wherein said lookup service is associated with said~~ for an instance of the requested network service;

returning, when said searching step is successful, the instance of the requested network service to the client computer;

~~sending, from the data processing apparatus~~ when said searching step is unsuccessful, a request to ~~[[the]]~~ a lookup service identifying the requested network service ~~to be accessed;~~ and

~~displaying at least one icon identifying the network service to be accessed when the network service to be accessed is available~~

storing received responses to said request in the associated cache.

90. (Currently Amended) The computer-readable storage medium according to claim 89, wherein the ~~retrieving~~ searching step further comprises searching a table of the plurality of lookup services and associated network services for ~~said~~ the requested network service.

91. (Withdrawn)

92. (Currently Amended) A distributed system comprising:

a server computer with a lookup service having references to a plurality of network services; and

a client computer including a client lookup manager with an associated cache, wherein said client lookup manager:

receives, from the client computer, a request to access a network service;

searches the associated cache for an instance of the requested network service;

returns, when said searching step is successful, the instance of the requested network service to the client computer;

sends, when said searching step is unsuccessful, a request, identifying the requested network service, to the server , ~~a reference to one of said plurality of lookup services~~ ; and

stores said reference received responses to said request in the associated cache of said client lookup manager.

93. (Withdrawn)